

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Toru MASATOMI et al.

Serial No.:

10/562,656

Filed:

December 27, 2005

For: Coating Composition

Docket No.:

71,051-026

Group Art Unit:

unknown

Examiner:

unknown

I hereby certify that the enclosed Information Disclosure Statement and attached SB/08/A and/or SB/08/B are being transmitted via EFS addressed to the Commissioner of Patents, PO BOX 1450, Alexandria, VA 22313-1450, on the date shown below.

November 21, 2006
Date

/Sandra Barry/
Sandra Barry

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicant(s) submit(s) herewith patents, publications, or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner.

- ☒ Submitted herewith is Form PTO/SB/08A and/or PTO/SB/08B (Modified) listing patents, publications, or other information for consideration by the Office.

COPIES PROVIDED:

- ☒ Legible copies of all items listed on Form PTO/SB/08A and/or PTO/SB/08B accompany this Information Disclosure Statement, except copies of U.S. patents, U.S. patent application publications, copies of U.S. applications that were filed on or after June 30, 2003, and copies of U.S. applications that were filed before June 30, 2003 that are available in the Image File Wrapper System.

- ☐ Under 35 U.S.C. §120, this application relies on the earlier filing date of prior application Serial No. [____], filed on [____]. The following references were submitted to and/or cited by the Office on this prior application and are therefore not required to be provided in this application:

- ☐ In accordance with 37 C.F.R. §1.98(c), a copy of only [] is being submitted with this Information Disclosure Statement, and is cumulative of the following patents or publications listed on Form PTO/SB/08A:

FOREIGN LANGUAGE DOCUMENTS

- ☐ There are no foreign language documents listed on Form PTO/SB/08A.
- ☒ English language abstract for the following non-English references are enclosed:

<u>Foreign Patent Document</u>	<u>Publication Date</u>	<u>Name of Patentee or Applicant of Cited Document</u>
JP 2-064110	03/05/1990	Suzuki et al.
JP 3-024148	02/01/1991	Andou et al.
JP 3-252414	11/11/1991	Kimura et al.
JP 4-103668	04/06/1992	Kasa et al.
JP 6-172473	06/21/1994	Matsumura et al.
JP 7-150105	06/13/1995	Takarada et al.
JP 10-101765	04/21/1998	Yoshikawa et al.
JP 63-168469	07/12/1988	Takarada et al.

- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of portions of those patents, publications or information considered to be material:
- ☐ No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.
- ☒ The following foreign language documents are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith:

<u>Cited Art</u>	<u>English Equivalent</u>
JP 7-150105	EP-0 656 409
JP 63-168469	US 4,988,788

- ☐ Submitted herewith is an English language version of a PCT search report listing information not in the English language and indicating the degree of relevancy found by the International Bureau of WIPO, in satisfaction of the requirement (under 37 C.F.R. §1.98(a)(3)) for a concise explanation of the relevance of non-English information.
- ☒ A concise explanation of the relevance of the following listed non-English language information is included as presently understood by the individual designated in 37 C.F.R. §1.56(c) most knowledgeable about the content of the information as set forth below:

Foreign Patent

Explanation of Relevance

<u>Document</u>	
JP 2-64110	The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a non-aqueous dispersion type cold curing resin composition obtained by polymerizing a vinyl monomer containing a hydrolysable silyl group in the presence of a specific resin-based dispersion stabilizer.
JP 3-024148	The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a curable composition obtained by mixing a specified vinyl resin with a curing catalyst. More specifically, the specified vinyl resin is obtained by solution-polymerizing a vinyl monomer, such as methyl (meth)acrylate, with a monomer containing a specific hydrolyzable silyl group and an aminated vinyl monomer in the presence of a radical initiator.
JP 3-252414	The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a silicone-based composition composed of a specific silane copolymer, a polyorganosiloxane, and a dealcoholation reaction catalyst.
JP 4-103668	This document was cited by the International Searching Authority in the International Search Report as a category "X" document and its relevance as presently understood is obtained from the English language abstract which indicates that this document discloses a curable resin composition preferably composed of a vinyl-based resin having a silane group selected from a hydroxysilane group and a hydrolysable group which are both directly bonded to Si, an epoxy group, and a specific organic group in the side chain and a curable catalyst, such as a metallic chelate compound.
JP 6-172473	This document was cited by the International Searching Authority in the International Search Report as a category "A" document and its relevance as presently understood is obtained from the English language abstract which indicates that this document discloses a process for producing a silicon-containing resin that is produced by radically polymerizing a specified monomer and subsequently charging the polymerization system with a mixture composed of at least one kind of polysiloxane macromonomer containing vinyl group, a mixture of at least one kind of silane compound containing vinyl group and optionally further at least one kind of polymerizable monomer having a carboxylic acid group and carrying out the radical copolymerization in two steps.
JP 10-101765	This document was cited by the International Searching Authority in the International Search Report as a category "X" document and its relevance as presently understood is obtained from the English language abstract which indicates that this document discloses a curable resin composition comprising a silicone-modified vinyl polymer having a vinyl polymer chain as the main chain and polysiloxane, hydrolyzable silyl, hydroxyl, and carboxyl groups at the side chains, at least one hydroxylic solvent and an isocyanate compound.

☐ A concise explanation of the relevance of the following listed non-English language information is set forth in the above-identified specification:

CERTIFICATION:

- ☒ The Information Disclosure Statement transmitted herewith is being filed **within** three (3) months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last. 37 C.F.R. §1.97(b). Accordingly, it is believed that no certification or fee is due.
- ☐ The Information Disclosure Statement transmitted herewith is being filed **after** three (3) months of the filing date of the application or the date of entry into the national stage of an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last but **before** the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, whichever occurs first. Accordingly, I hereby certify that:
- ☐ each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the Information Disclosure Statement; 37 C.F.R. §1.97(e)(1); **OR**
- ☐ no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge as the person signing this certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this statement; 37 C.F.R. §1.97(e)(2); **OR**
- ☐ Applicant elects the option to pay the fee set forth in 37 C.F.R. §1.17(p) for submission of an Information Disclosure Statement under 37 C.F.R. §1.97(c). If a check is not enclosed, please charge the **\$180.00** IDS submission fee to Howard & Howard Attorneys PC **Deposit Account No. 08-2789**. A duplicate of this paper is enclosed.
- ☐ The Information Disclosure Statement transmitted herewith is being filed **After a Final Action** under 37 C.F.R. §1.113, or **After a Notice of Allowance** under 37 C.F.R. §1.311, whichever occurs first, but is being filed on or **Before Payment of the Issue Fee**. Accordingly, I hereby certify that:
- ☐ each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the statement; 37 C.F.R. §1.97(e)(1); **OR**
- ☐ no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge as the person signing this certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this statement; 37 C.F.R. §1.97(e)(2); **AND**
- ☐ Applicant hereby petitions for consideration of this Information Disclosure Statement; 37 C.F.R. §1.97(d)(2)(ii). If a check is not enclosed, please charge the petition fee of **\$180.00** Howard & Howard Attorneys PC **Deposit Account No. 08-2789**. A duplicate of this paper is enclosed.

The Commissioner is authorized to charge Howard & Howard Attorneys PC Deposit Account No. 08-2789 for any additional fees due hereunder.

Respectfully submitted

Reg. No.: **46,295**

/David M. LaPrairie/
David M. LaPrairie

November 21, 2006
Date

Howard & Howard Attorneys PC
The Pinehurst Office Center, Suite 101
39400 Woodward Avenue
Bloomfield Hills, MI 48304-5151
Tel. No.: (248) 723-0442

Customer No. 27305